

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2000088029  
PUBLICATION DATE : 28-03-00

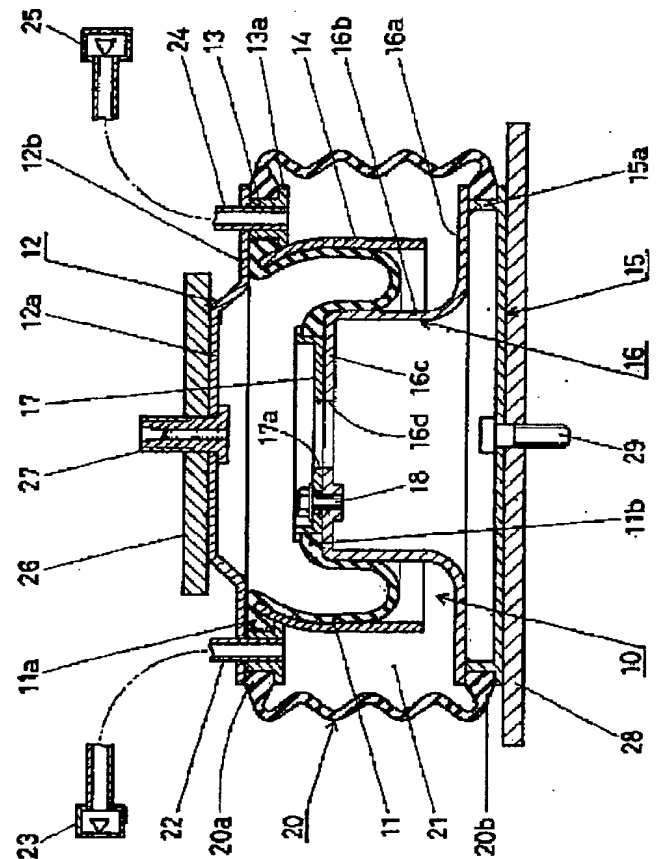
APPLICATION DATE : 11-09-98  
APPLICATION NUMBER : 10276495

APPLICANT : TOYO TIRE & RUBBER CO LTD;

INVENTOR : ONISHI OSAMU;

INT.CL. : F16F 9/04 B60K 5/12 F16F 9/42  
F16F 13/08 F16F 15/04

TITLE : VIBRATION ISOLATING DEVICE



**ABSTRACT :** PROBLEM TO BE SOLVED: To prevent drop of the function of a vibration isolating device using rubber as constituent element, which is precluded from over-heating by cooling the device whereby the use of natural rubber or a hybrid rubber of natural rubber and SBR is made practicable in the same manner as conventional.

**SOLUTION:** Between an upper plate 12 and lower plate 15, an expansible cylindrical cover 20 made from a heat-resistant air-tight sheet is installed in such a way as surrounding an air spring 10, and a jacket-form heat shield chamber 21 is formed between the cover 20 and air spring 10. One end of an exhaust pipe 24 and one end of a suction pipe 22 are connected with the upper plate 12 facing the heat shield chamber 21, and the heated air in the chamber 21 is exhausted through the exhaust pipe 24 while the atmosphere is taken into the chamber 21 through the suction pipe 22.

COPYRIGHT: (C)2000,JPO